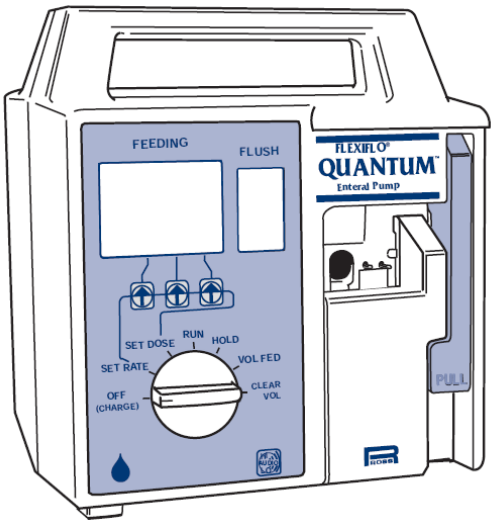
Title: Ross "Flexiflo" Quantum By Ross/Abbott Labs, Columbus, OH. File = Flexiflo-Quantum.doc	DATE: 7-29-2010 **DISCLAIMER: THIS PROCEDURE PROVIDED "AS IS" AND WITH POSSIBLE FAULTS. USER MUST VERIFY BEFORE USE. NEITHER PROVIDER NOR WEBSITE ASSUMES ANY RESPONSIBILITY FOR ITS USE.**

1. General
   Applies to the Ross Model "Flexiflo Quantum" also known as a "Food Pump".



2. Reference Documents
   FLEXIFLO® QUANTUM™ Enteral Pump Manual

3. Tools / Fixtures / Labels
   Safety Testor
   Cassette: See picture.
   Scale with 0.1 gm or better resolution to support a collection cup (preferred) or --
   Burette *Note: Don't trust the first 10ml interval at bottom. Fill this with 10mL and start from there.*
   "PM next due" label

4. Basic PM Procedure
   4.1. Physical: Check line cord, cassette door, and case for cracks.
   4.2. Electrical Safety: There is a small metallic stud on lower back for gnd reference. The maximum leakage is 300 uA. Line cord ground resistance <= 0.1 ohms.
   4.3. Turn unit on via the knob. Listen for a normally two segment beep.
   4.4. Tubing Setup: At this point have tubing set positioned into the scale or burette. Note: If a flush line is part of the cassette assembly, pinch it "off".

   4.5. Flow/volume Setup: *Set Rate* for 120mL/hr and *Set Dose* = 10mL. If a flush bag is part of setup, clamp it off.
   4.6. Turn knob to *Run*. After 5.0 minutes the unit should stop, leaving a 10mL increase. Acceptable delivery is 9 to 11 mL. Leave unit beeping and …
   4.7. Audio Volume Button: While the unit beeps indicating end of dose, press the audio button and note it changes audio volume from normal to somewhat muted.
   4.8. Occlusion: Unplug unit and run on battery. Start unit and pinch output to verify an occlusion is detected.
   4.9. Check remaining functions of selector switch. They should be self-explanatory.
   4.10. Re-label: Replace old PM label with the new dated (per preference of the institution).
   Optional: Protect by applying clear cover label.

5. Extended PM Procedure

   One known service issue: the sense pin/switch (shiniest) can electrically get stuck in "cassette is in" position. Spray contact cleaner into the opening around this pin, and gently pull it in and out. Repeat.